

SURFACE SCATTERING OF CHARGE
CARRIERS AND SURFACE ELECTRONIC STATES

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S u m m a r y

Experimental researches of the charge carrier scattering at Mo(110) and W(110) surfaces atomically clean or covered with a hydrogen (deuterium) monolayer with the participation of surface electronic states are considered. In addition, the scattering mechanisms of charge carriers in spin-polarized surface electronic states in Bi(111) epitaxial nanofilms with the atomically clean surface or the surface covered with magnetic and nonmagnetic adatoms to low coverages are discussed.